STRUKTOL® TR 229
BLENDING AID COMPATIBILIZER WITH PROCESSING LUBRICANT

COMPOSITION
Proprietary blend.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellowish pastilles or powder</td>
</tr>
<tr>
<td>Dropping point (°C)</td>
<td>46 - 58</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.01</td>
</tr>
<tr>
<td>Physiological Behavior</td>
<td>Refer to safety data sheet</td>
</tr>
<tr>
<td>Storage Stability</td>
<td>At least 2 years under normal storage conditions</td>
</tr>
<tr>
<td>Packaging</td>
<td>55 lb. bag</td>
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</tbody>
</table>

RECOMMENDATIONS FOR APPLICATION

STRUKTOL® TR 229 is a blend of compatibilizer and processing lubricant that was designed for use in Nylon 6 and 6,6 compounds as well as for PC/ABS blends. The compatibilizer makes it effective at binding filler materials to the polymer system by virtue of its adhesive nature while the lubricant part provides improved processing characteristics of filled and unfilled polyamides and PC/ABS blends. Typical improvements in processing are improved mixing and reduced die build-up (“die bearding”) and die drool. For injection molding applications, processors can expect to see better flow and mold filling vs. typical lubricants such as metallic stearates, montan waxes or amide waxes.

STRUKTOL® TR 229 is excellent for use in recycling of Nylon 6 and 6,6 and PC, PC/ABS.

DOSAGE
0.6 – 3.5%

FDA STATUS

STRUKTOL® TR 229 is sanctioned for use by the Food and Drug Administration (FDA) in a number of applications, listed in the following sections of Title 21 of the Code of Federal Regulations:

- 172.280 Terpene resin
- 172.615 Chewing gum base
- 175.105 Adhesives
- 175.125 Pressure-sensitive adhesives
- 175.300 Resinous and polymeric coatings
- 175.320 Resinous and polymeric coatings for polyolefin films
- 176.170 Components of paper and paperboard in contact with aqueous and fatty foods
- 176.210 Defoaming agents used in the manufacture of paper and paperboard

177.1200 Cellophane
177.1210 Closures with sealing gaskets for food containers
177.1210 Polycarbonate resins
177.2420 Polyester resins, cross-linked
177.2600 Rubber articles intended for repeated use
178.3930 Terpene resins
178.2010 Antioxidants and/or stabilizers for polymers

(07/15/2013)JMB/rca

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